



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Local Hormones							
Course Code		VFT650		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Effects which may impact the system for generating very short or local hormones, histamine, prostaglandin, serotonin and effects of angiotensin antagonists to teach and give information about.							
Course Content		Circulation is usually not more than move to their effect on the systemic circulation or tissues, therefore, constitute a rapidly disintegrating or local hormones which may effect a very short period of histamine and anti-histamine drugs, prostaglandins, local structure and polypeptide hormones and antagonists of serotonin.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Veterinary Pharmacology and Therapeutics, 8th Edition, Jim E. Riviere (Editor), Mark G. Papich (Editor), 2009.
2	Modern Pharmacology, 6th Edition, Lippincott Williams and Wilkins, 2004 (Ed. C.R. Craig and R.E. Stitzel)
3	Goodman and Gilman's The Pharmacological Basis of Therapeutics 11th Edition, McGraw-Hill, 2006 (Eds. Brunton, Lazo, Parker, Buxton and Blumenthal)
4	Lippincott's Illustrated Reviews: Pharmacology, 3rd Edition, Lippincott Williams and Wilkins, 2005 (Eds. Howard, Mycek, Harvey & Champe)

Week	Weekly Detailed Course Contents	
1	Theoretical	Local synthesis of hormones
2	Theoretical	Histamines
3	Theoretical	Histamine antagonists
4	Theoretical	Prostaglandins
5	Theoretical	The right information prostaglandins antagonists
6	Theoretical	Information about serotonin.
7	Theoretical	Information about the serotonin antagonists
8	Intermediate Exam	Midterm exam
9	Theoretical	Information about Anjiotensins
10	Theoretical	Information about anjiotensin antagonists
11	Theoretical	Information on substances that affect fertility
12	Theoretical	Local hormones in place of hypertension



13	Theoretical	Local Hormone antagonists and other treatments
14	Theoretical	Evaluation
15	Theoretical	Discussion
16	Final Exam	Final

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Midterm Examination	1	9	1	10
Final Examination	1	11	1	12
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	To obtain information on local hormones.
2	Local effects and forms of hormones in the body learns.
3	Local veterinarians in treatment of hormone antagonists and learns usage areas.
4	To find out and use resources about the profession in the area.
5	To give lectures and/or presentations and discuss with professionals in the area.

**Programme Outcomes (Pharmacology and Toxicology (Veterinary Medicine) Doctorate)**

1	Gains expert knowledge on field of pharmacology and toxicology in veterinary medicine and, gains expert knowledge on interdisciplinary interaction in pharmacology and toxicology
2	To be equipped with the knowledge to develop original ideas about necessary issues in the field by using of both graduate and expertise levels knowledge, to be able to develop original definitions, products and diagnostic procedures, etc. via deepening and questioning these knowledge.
3	Develops and uses strategies in his/her field of expertise in PhD Program of Pharmacology and Toxicology
4	Reviews, evaluates and interprets any data (field observations, available scientific information etc.) towards a specific purpose.
5	Gains expert knowledge on the function and basic pharmacological features of pharmacology and sub-branches of science, relationship between the drug and poison, pharmacokinetic, effects of the drugs, the dose-intensity and dose-effect relationship.
6	Gains expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning.
7	Can offer training to technical staff who will work in pharmacology and toxicology laboratory
8	Reach to competence to prepare courses at the undergraduate level
9	Determines and uses laboratory equipment and consumables in a pharmacology and toxicology laboratory.
10	To be able to plan an interdisciplinary project and build team for the known or new defined problems and to manage and complete such a project when necessary.
11	To share his/her knowledge in the field with others by attending at field-related or other congresses, panels, symposiums, workshops, seminars, article discussions and problem solving sessions, etc., and to contribute to the solution in the team by establishing relations with the experts in different fields.
12	To contribute the scientific knowledge in the field via publications in national and international peer-reviewed scientific journals.
13	Takes roles in vocational organizations and institution.
14	Forms ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education.
15	To adopt lifelong learning as a principle and acknowledge that the information gained through research is the most valuable gain.
16	Knows and protects rights of ideas and industrial property (patent right)

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

	L1	L2	L3	L4	L5
P1	4	5	5		
P2	5	4	5	4	
P3				5	



P4			4		
P5	4	4	5		
P8					4
P11					5
P12				5	
P13	3	4	4		
P14					5

